
Slicer Peptide

Subcategory: Blocking Peptide, Synthetic Peptide

Cat. No.: 350549

Unit: 0.1 mg

Description:

Eukaryotic translation initiation factor 2C 2, also known as Slicer protein or Argonaute-2, provides endonuclease activity to RNA-induced silencing complexes (RISC). Slicer cleaves siRNA/mRNA heteroduplexes bound to RISC. Slicer is essential for embryonic development and RNA-mediated gene silencing (RNAi). Slicer is localised in processing bodies (P bodies) that contain decapping enzymes, a 5'-to-3' exoribonuclease, LSm proteins, and RNAi machinery components.

Format: Each vial contains 0.1 ml peptide in deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: Eukaryotic translation initiation factor 2C 2; eIF2C 2; eIF-2C 2; Argonaute-2; Slicer protein; PAZ Piwi domain protein; PPD; EIF2C2; AGO2

Accession No.: Q9UKV8

MW: 2048.4 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200187 is selected from a sequence within the N-term region of human Slicer. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C90H150N24O26S2

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.